

Utah Monthly Communicable Disease Report

June 2017



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases,* compared to an historical 5-year average, June 2017

Disease/Condition	Jun 2017	5-yr Jun avg+	2017 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	4	U	29	U
Acute Flaccid Myelitis	0	U	0	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	1	0.0
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.4	1	3.2
foodborne	0	0.0	0	0.0
infant	0	0.4	1	3.2
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.0	0	0.4
Campylobacteriosis	50	68.2	280	233.2
Chickenpox	12	8.6	114	141.8
Chlamydia	770	639.6	4990	4090.8
Cholera	0	0.0	0	0.0
Coccidioidomycosis	4	4.0	28	22.8
Colorado tick fever	0	0.0	0	0.2
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.2	3	1.8
Cryptosporidiosis	13	8.4	58	46.4
Cyclosporiasis	2	0.4	7	1.4
Dengue	0	0.0	0	1.2
Ehrlichiosis/Anaplasmosis	0	0.2	1	0.4
Encephalitis	0	0.0	0	0.4
Enterobacter species resistant to carbapenems	3	U	22	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	1	U	8	U
Giardiasis	7	20.2	72	94.0
Gonorrhea	218	95.6	1187	567.4
HIV infection	50	27.8	532	108.8
Haemophilus influenzae, all ages, invasive disease	3	5.4	32	23.6
nonserotype B, age < 5 years	0	0.0	3	0.6
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	0	0.2	4	1.2
Hansen's disease (Leprosy)	0	0.0	0	0.4
Hantavirus pulmonary syndrome	0	0.0	1	1.0
Hemolytic uremic syndrome, post-diarrheal	0	0.2	1	1.2
Hepatitis A	3	0.6	8	4.6
Hepatitis B, acute	0	1.4	4	4.0
Hepatitis B, chronic	28	23.2	153	145.0
Hepatitis C, acute	1	2.6	18	18.2
Hepatitis C, chronic	128	127.0	1072	791.6
Hepatitis, other viral	0	0.2	0	0.4
Influenza-associated hospitalizations§	6	8.0	916	647.8
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	4	U	13	U
Legionellosis	3	2.4	10	12.0
Leptospirosis	0	0.0	0	0.4
Listeriosis	0	0.0	0	1.2

*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

**YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	2	2.6	5	5.4
Malaria	1	0.6	3	2.8
Measles	0	0.2	3	1.0
Meningitis, aseptic	0	3.4	14	19.0
Meningitis, bacterial, other	0	1.4	11	6.6
Meningitis, viral	1	2.0	11	11.2
Meningococcal disease (Neisseria meningitidis)	0	0.8	1	2.4
Mumps	1	0.0	32	1.2
Pertussis	19	88.6	209	483.6
Plague	0	0.0	0	0.0
Q fever	0	0.2	0	2.4
Rabies, animal	1	1.2	3	2.6
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.2
Rubella	0	0.0	0	0.2
Salmonellosis	61	31.4	201	162.2
Shiga toxin-producing Escherichia coli (STEC) infection	13	8.2	31	26.4
Shigellosis	0	3.8	16	19.0
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.8	0	2.4
Streptococcal disease, invasive, group A	2	7.4	24	63.6
Streptococcal disease, invasive, group B	6	10.2	38	52.0
Streptococcal disease, invasive, other	33	21.4	202	152.8
Streptococcus pneumoniae, invasive disease	12	10.0	105	117.0
age < 5 years	5	1.6	16	13.4
Syphilis, early (infection < 12 months)	7	8.8	66	47.6
primary & secondary	4	5.8	37	31.4
early latent	3	3.0	29	16.2
Syphilis, latent (infection > 12 months)	1	3.8	27	28.4
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.0	10	12.6
Trichinellosis	0	0.0	0	0.0
Tuberculosis, active	1	3.2	19	15.2
Tularemia	1	0.4	1	1.0
Typhoid fever	0	0.0	0	0.6
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	1	1.2	7	1.8
West Nile virus, total	0	0.0	0	0.0
neuroinvasive disease	0	0.0	0	0.0
nonneuroinvasive disease	0	0.0	0	0.0
Zika Virus Disease	0	U	3	U

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